



## Replacing the spring on EasyVent models

**INTRODUCTION:** This instruction covers the installation of a new retractable screen spring.

**CAUTION:** The spring that you receive from the factory is pre-tensioned. **Use caution when handling it.**

**TOOLS NEEDED:** Phillips screw driver, small flat blade screw driver.

### Step 1

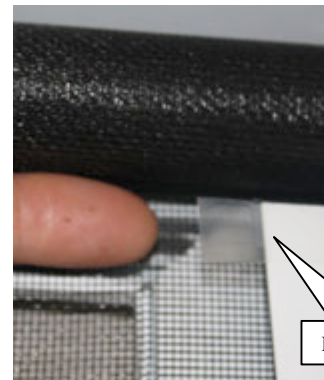
Remove screw from each side of head cover and remove. Cover is located on inside top of door.



Figure 1

### Step 2

The door frame has a sharp point on it that has potential to tear the screen. Two pieces of protective tape are supplied with this kit that should be placed over the sharp point on each side of the door as shown.



Protective Tape

Figure 2

### Step 3

Lower the sash to approx 8 inches from the top and install a spacer under the sash on the outside of the door as shown. The weight of the sash will rest on the spacer so it is important that the spacer is installed straight up and down to prevent it from tipping over and falling out.

Highview models require the spacer to be placed on the inside of the door as shown in the last illustrations.

\* A strip of tape may be used to secure the spacer to the door.

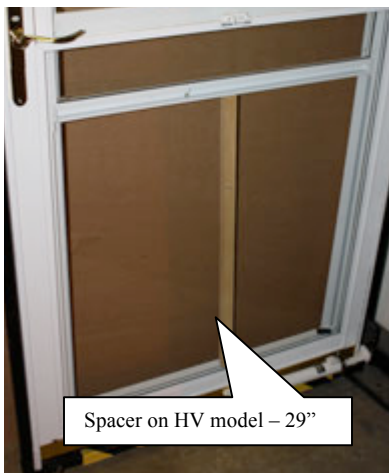


Figure 3

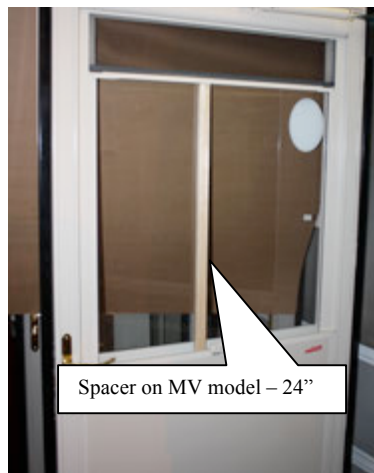


Figure 4

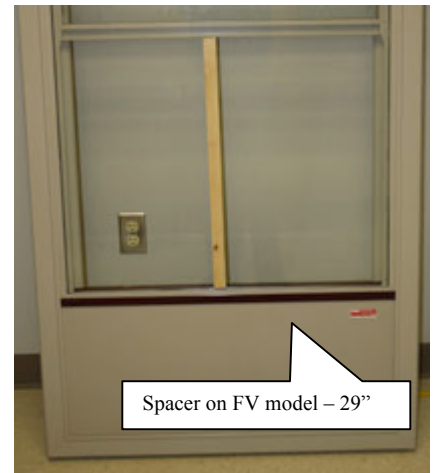


Figure 5

## Step 4

Determine which types of roll screen mounting brackets are installed on the current door. The plastic mounting tabs can be seen in Figure 7 while the older metal tabs can be seen in Figure 6. For the metal brackets go to Step 5, for the plastic brackets go to Step 10.

Metal brackets go to Step 5.

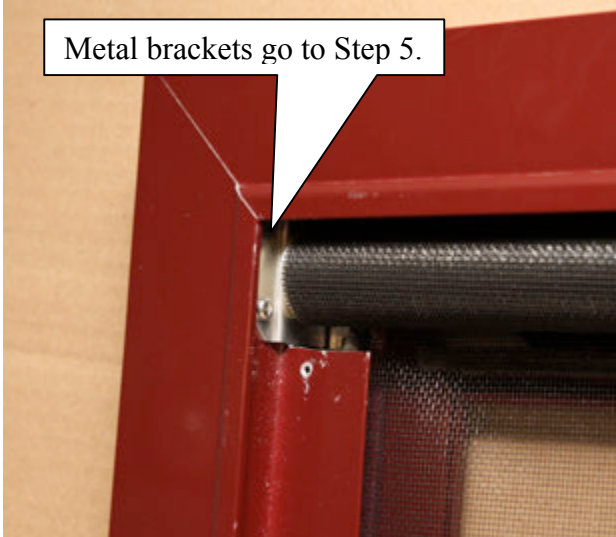


Figure 6

Plastic brackets go to Step 10.



Figure 7

## Step 5

On the right side of the door, insert a screwdriver between the screen tube and bracket. Pry the end of the screen tube away from the bracket until the pivot pin comes out of the bracket. Place your finger between the screen and door frame as shown to prevent the screen from being torn on the door frame.



Figure 8

## Step 6

Once out of the bracket, the right side of the tube must be lowered until the pivot pin clears the door frame. Once the pin clears the door frame tube can be pulled outwards. **Make sure not to catch the screen cloth on the door frame and tear it.**



Figure 9

## Step 7

Remove metal brackets shown in Figure 10 and Figure 11 and discard. Install the new black ones as shown in Step 8.



Figure 10



Figure 11

## Step 8

Install the new brackets as shown in Figure 12 and 13. Note that the arrows on the brackets will point up and be visible after installation. Also when viewed from the inside, the bracket with the slot will go on the left while the bracket with the hole will be on the right.

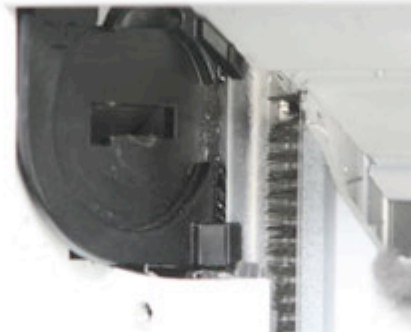


Figure 12



Figure 13

## Step 9

Remove cap with metal pin, replace with provided cap. **Skip step 10 if you already removed screen tube in Step 5.**



Figure 14



Figure 15

## Step 10

Remove old screen roll by rocking the right end out of the pocket as shown



Figure 16

## Step 11

On the left side of the tube, insert a screwdriver between the screen tube and end cap and pry the end cap out of the tube. You can insert a screwdriver into the small slot on the end cap to pry it out of the tube.

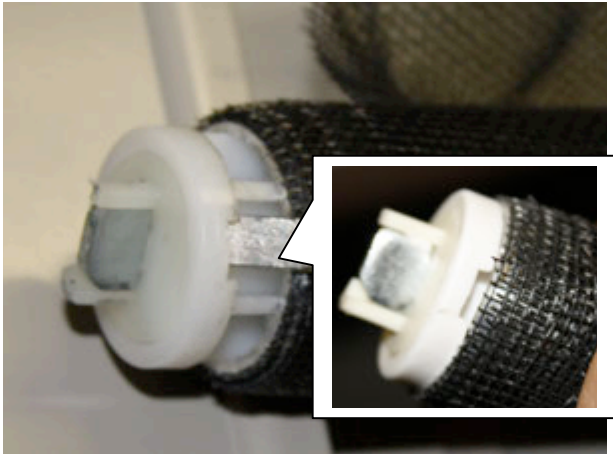


Figure 17

## Step 12

Remove spring from screen tube and discard.

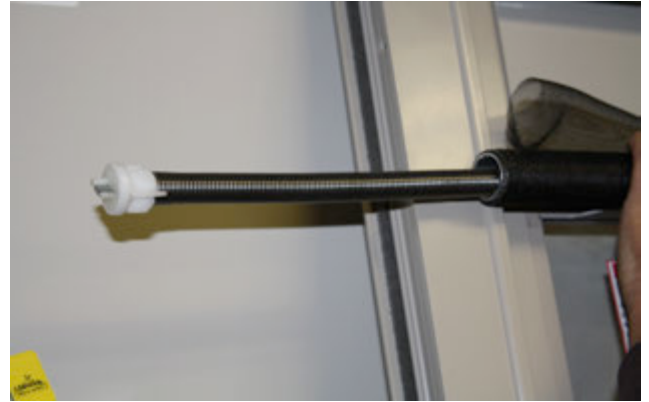


Figure 18

## Step 13

Insert new spring into screen tube as shown and push into place. The spring should slide in easily if the plastic legs are aligned properly with the legs on the inside of the screen tube. You may tap the spring into place with a mallet if needed. **Do not touch the end of the spring with your hands as you may release the spring tension rapidly risking injury.**

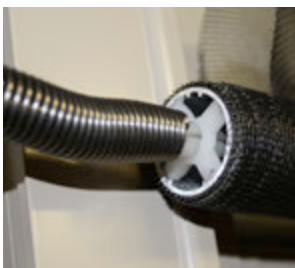


Figure 19



Figure 20

## Step 14

Insert left end of the screen roll into the left bracket. Be careful not to twist the tab before it's inserted or spring tension will be lost. **Keep screen rolled up when installing screen tube. Excessive slack in the screen during installation could negatively affect screen operation.**



Figure 21

## Step 15

Insert the pivot bracket into the right end of the screen tube. Be sure the arrow is pointing up as shown in Figure 24. Push the right end of the screen into place. **Do not operate sash until head cover is in place.**



Figure 22



Figure 23



Figure 24

## Step 16

Replace head cover and screw into place. Remove tape and spacer. Test the screen for operation.



Figure 25

**THIS SECTION ONLY NEEDED IF THE TENSION IS LOST ON THE SPRING DURING INSTALLATION**

With spring still inserted into the screen roll, grip rectangular end of screen roller assembly with a pair of locking vice grips. Do not use pliers to hold the spring. Hold in the position shown and turn clock-wise the number of revolutions per the chart below, then back-off a half turn and tilt screen roller assembly until spring locks in place. (Do not release until spring is locked. If done correctly the spring will not unwind)

**Full View Settings:**

32" = 21 revolutions

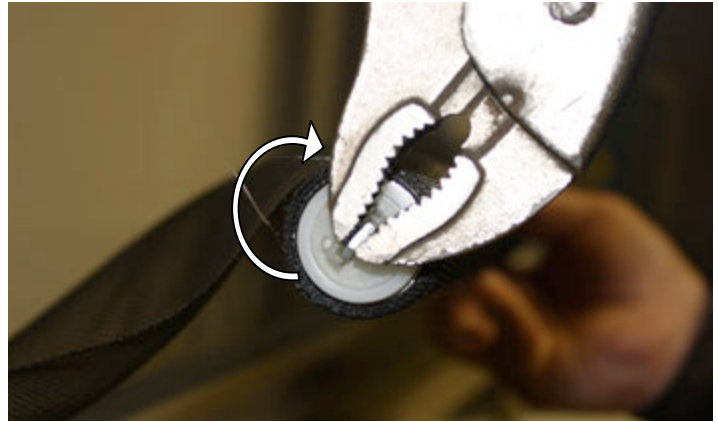
34" = 23 revolutions

36" = 24 revolutions

**Mid View Settings:**

32" = 19 revolutions

36" = 22 revolutions



**Figure 26**